



## PATENT ABSTRACTS OF JAPAN

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(54) **LOCKING DEVICE FOR TRUCK**  
**LOAD-CARRYING PLATFORM**

## (57) Abstract:

**PURPOSE:** To prevent variation of the load-carrying surface on transferring of a load onto a truck by abutting an abutting member on the ground side against the bottom surface of an auxiliary bumper on the truck side and locking the same.

**CONSTITUTION:** When a truck 6 is moved backwardly, a roller 7 on the ground side goes ahead along a tilting surface 9b of an auxiliary bumper 9 and then the bottom surface 9a and is stopped, when the auxiliary bumper 9 comes in abutment against a positioning stopper 22. Then, a directional control valve of a fluid cylinder 14 is switched by the display of a proximity sensor 14 to lock a piston rod 15 of the cylinder 14. When a load on a traverser is transferred onto the truck 6, the load applied to a load-carrying platform is increased, but as the bottom surface 9a of the auxiliary bumper on the undersurface of the load carrying platform is kept in abutment against the roller 7 of a lever

10 locked by the cylinder 14, the load-carrying platform 6a will not be depressed.

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